

EMR CONTRACTOR		ENGINEERING STUDY <input type="checkbox"/>		EMR #		STAT				
		CHANGE PROPOSAL <input checked="" type="checkbox"/>		1940-3						
DATE 18 October 1965		AFFECTS: Follow-on EMR's (Serial Nos. 3 through 8)								
NAME OF MAJOR COMPONENT		PART OR LOWEST SUBASSEMBLY		PART NO.		MODEL OR TYPE				
Band 6 Receiver		Voltage Tuneable Magnetron		316328-1		N/A				
TITLE OF PROPOSAL: Band 6 Receiver Solid State Local Oscillator (LO)										
NATURE OF PROPOSAL:										
<p>The following items will be removed from the receiver: Voltage tuneable magnetron, VTM housing, local oscillator power supply, and tuner control. These items will be replaced with a solid state local oscillator, isolator and new tuner control.</p> <p><u>Note:</u> Performance requirements as set forth under document "EMR System Performance Specification 1940-SPS-1, Vehicle Sub-system" dated 18 December 1964 (as revised) remain unchanged.</p>										
REASON FOR PROPOSAL:										
<p>This change will decrease system weight by approximately 15 lbs. In addition, the limited life VTM will be replaced with long life solid state device.</p>										
ESTIMATED COST AND TIME INVOLVED:										
ADDITIONAL FUNDING REQUIRED:										
ESTIMATED COST FOR KITS OR PARTS:										
ADDITIONAL FUNDING REQUIRED:										
ITEMS AFFECTED BY PROPOSAL:										
SAFETY	MISSION EFFECT.	PERF.	OPER. PROCED.	INTER. CHBLTY.	WT. OR WT. & BAL.	TOOLS & SUP. EQ.	MAINT. PROCED.	SERVICE LIFE	FLIGHT MANUAL	MAINT. MANUAL
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
EST. MAN/HRS. REQ'D. TO ACCOMPLISH CHANGE IN FIELD										
SOURCE OF PARTS FOR KIT					AVAILABILITY					
EMR Contractor					WEEKS AFTER APPROVAL Systems Nos. 3 & 4 March '66 (approx.) Systems 5 thru 8-modified as delivered.					
DISPOSITION OF SPARES AFFECTED: Spares will be affected-extent and disposition of residual inventory to be determined.										
INITIATED BY:					APPROVED BY:					
EMR Contractor										

ANALYSIS

FILE: 1940-J(E)

DATE: 10/20/65

ITEM NO: WS#6(B)(2)		PR NO: CONTRACT: AF33(657)-12846		
DESCRIPTION OF ITEM: Reduction of Microfilm (Eng.Data) Repts. (5 sets to 1 set)				
DIRECT LABOR CLASS	TOTAL HOURS	COSTS		TOTAL LABOR
		LABOR CLASS A	LABOR CLASS B	
ADMINISTRATIVE (DIRECT)				
ENGINEERING				
TECHNICIANS				
PUBLICATIONS				
DESIGN AND DRAFTING				
SHOP				
ELECTRICAL ASSEMBLY				
INSPECTION				
SPARES DATA PREPARATION				
PACKAGING AND SHIPPING				
FIELD ENGINEERING				
(1) TOTAL DIRECT LABOR				\$
OVERHEAD:		% OF DIRECT LABOR CLASS (A) \$ _____		
		% OF DIRECT LABOR CLASS (B) \$ _____		
(2) TOTAL OVERHEAD		\$ _____		
RAW MATERIAL AND PURCHASED PARTS		_____ (1091) _____		
SUBCONTRACTING		_____		
TRAVEL AND SUBSISTENCE		_____		
OVERTIME PREMIUM		_____		
PACKAGING AND SHIPPING		_____		
OTHER DIRECT CHARGES		_____		
(3) DIRECT CHARGES (OTHER THAN LABOR)		\$ (1091)		
(4) TOTAL OF (1) AND (2) AND (3)		\$ (1091)		
(5) GENERAL AND ADMINISTRATIVE EXPENSE, 9 % OF (4)		\$ (98)		
(6) ESTIMATED COST, (4) + (5)		\$ (1189)		
(7) PLANNED PROFIT OR FEE 8 % OF ESTIMATED COST, (6)		\$ (95)		
GRAND TOTAL, (6) + (7)		\$ (1284) credit		